

REMARKS

Claims 1-6 were pending in this application.

Claims 1-6 have been rejected.

Claims 1-6 have been canceled.

Claims 7-18 have been added

Claims 7-18 are now pending in this application.

Consideration and full allowance of Claims 7-18 are respectfully requested.

I. OBJECTION TO THE DRAWINGS

Paragraph 1 of the Office Action objects to the drawing under 37 C.F.R. § 1.83. The Application identifies the original drawing as a graph of the intermediate coefficient growth experienced by prior art methods for recomputing linear predictive coding (LPC) filters from line spectral frequency (LSF) coefficients. See Application, page 5, lines 12-20. Accordingly, the Applicant herewith submits a replacement drawing with the graph labeled Figure 1 and identified as prior art.

Additionally, the replacement drawing adds Figures 2 and 3, illustrating features of the Applicant's invention as recited in the claims. Figure 2 illustrates the prior art process of recomputing a LPC filter from LSF coefficients, described in the Application at page 3, lines 13-25. Figure 3 illustrates the Applicant's process of recomputing a LPC filter from LSF coefficients, described in the Application at page 5, line 25, to page 6, line 19. As such, the Applicant submits

that no new matter is entered in the additional Figures. The Applicant therefore respectfully requests that the objection to the drawing be withdrawn and the additional figures be accepted for examination.

II. AMENDMENTS TO THE SPECIFICATION

Paragraphs 3 and 4 of the Office Action object to the specification for various informalities and missing parts. The Applicant has amended the specification to correct the issues raised in the Office Action and submits that no new matter is entered by these amendments. Therefore, the Applicant respectfully submits that the objections to the specification have been traversed and requests that the objections to the specification be withdrawn.

III. AMENDMENTS TO THE CLAIMS

The Office Action objects to the Claims for informalities in paragraph 6 of the Office Action. The Applicant's cancellation of all pending claim and submission of new claims renders this objection moot. Nonetheless, in the new claims the Applicant has addressed the issues raised in the objection.

IV. REJECTION UNDER 35 U.S.C. § 101

Claims 1-4 were rejected under 35 U.S.C. § 101 as being directed to non-statutory subject matter. Claims 5 and 6 were rejected under 35 U.S.C. § 101 as inoperative and therefore lacking

utility. Because of the cancellation of all pending claims and submission of new claims, this rejection is rendered moot.

New independent Claim 7 is directed to a method of calculating filter coefficients from line spectral frequency coefficients. New independent Claim 14 is directed to a method of receiving speech signals. The Applicant respectfully asserts that these claims are drawn to patentable processes during which calculations are performed, rather than being drawn to mathematical subject matter not entitled to patent protection.

V. REJECTION UNDER 35 U.S.C. § 112

Claims 5 and 6 were rejected under 35 U.S.C. § 112, first paragraph, as failing to comply with the enablement requirement. The Applicant's cancellation of all pending claim and submission of new claims renders this objection moot. The Applicant respectfully asserts that all new claims are fully enabled in the specification.

VI. NEW CLAIMS

The Applicant has added new Claims 7-18. The Applicant respectfully submits that no new matter has been added in these claims. The Applicant respectfully requests entry and full allowance of Claims 7-18.

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VII. CONCLUSION

As a result of the foregoing, the Applicant asserts that the remaining claims in the application are in condition for allowance and respectfully requests an early allowance of such claims.

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SUMMARY

If any outstanding issues remain, or if the Examiner has any further suggestions for expediting allowance of this Application, the Applicant respectfully invites the Examiner to contact the undersigned at the telephone number indicated below or at wmunck@davismunck.com.

The Commissioner is hereby authorized to charge any additional fees connected with this communication (including any extension of time fee) or credit any overpayment to Deposit Account No. 50-0208.

Respectfully submitted,

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